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AMPTHILL URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF THE

SANITARY INSPECTOR

FOR THE YEAR 1937.

Ampthill Urban District Council.

GENTLEMEN,

I have the honour of laying before you my ANNUAL REPORT on the state of Public Health and Sanitary conditions prevailing in your area for the year 1937.

The Report is drawn up in accordance with the requirements of the Ministry of Health's circular 1650 of October 4th, 1937.

Section A.

Statistics of the Area.

Area in Acres	1904
Population Census 1931	2157
Population 1937 (estimated Mid Year)	2334
Number of Inhabited Houses, at end of 1937	758
Rateable Value	£13,244
Sum represented by a Penny Rate	£49 2s. 0d.

Social Conditions.

Ampthill is a market town, head of a petty sessional division, and is centrally situated in the county, 45 miles from London, and 8 miles South of Bedford. The town stands on high ground, shielded on the North and East by hills and open to the South. Its position on a dry sandy soil renders it very healthy, while the scenery of the neighbourhood is picturesque. The town is lighted with gas from Luton and with electric light from the Bedford Corporation. Many of the inhabitants go to Luton daily and work in the hat trade. There is very little unemployment in the district and there is no evidence that unemployment has exercised any adverse influence on the health or physique of children or adults.

The following are the percentages of the unemployed on April 4th, 1938:

Bedfordshire	4.5
Bedford	4.1
Dunstable	6.6
Leighton Buzzard	2.7
Luton	4.4
Biggleswade	6.0

Vital Statistics.

	Total	Male	Female
Live Births—Legitimate	35	14	21
Illegitimate	2	1	1

Birth Rate per 1000 of the estimated resident population = 15.8

	Total	Male	Female
Still Births—Legitimate	0	0	0
Illegitimate	0	0	0

Rate per 1000 total (live and still births) = 0

	Total	Male	Female
Deaths	29	13	16

Rate per 1000 of the estimated resident population = 8.5*

*This figure is arrived at by multiplying with the comparability factor.

Number of women dying in, or in consequence of childbirth—

From sepsis	0
From other causes	0

Maternal Mortality for England and Wales—

Puerperal Sepsis = .94 per 1000 live and still births.

Other causes ... = 2.17 „ „ „ „

Death Rate of Infants under 1 year of age—

All infants per 1000 live births	0
Legitimate infants per 1000 legitimate live births	0
Illegitimate infants per 1000 illegitimate live births	0

Causes of Death—	Male	Female
Typhoid and Parat. Fever	0	0
Measles	0	0
Scarlet Fever	1	0
Whooping Cough	0	0
Diphtheria	0	1
Influenza	0	0
Encephalitis lethargica	0	0
Cerebro-spinal Fever	0	1
Tuberculosis of Respiratory System	0	0
Other Tuberculosis Diseases	0	0
Syphilis	0	0
G.P.I.	0	0
Cancer	1	2
Diabetes	0	1
Cerebral Hæmorrhage	1	4
Heart Disease	4	2
Aneurysm	0	0
Other Circulatory Diseases	0	1
Bronchitis	1	0
Pneumonia	0	0
Other Respiratory Diseases	0	2
Peptic Ulcer	0	0
Diarrhœa (under 2 years)	0	0
Appendicitis	0	0
Cirrhosis of Liver	0	0
Other Diseases of Liver	0	0
Other Digestive Diseases	0	0
Acute and Chronic Nephritis	0	1
Puerperal Sepsis	0	0
Other Puerperal Diseases	0	0
Congenital Debility and Prematurity	0	0
Senility	1	0
Suicide	1	0
Other Violence	2	0
Other defined Diseases	1	1
Causes ill-defined or unknown	0	0
	13	16

Section B.

General Provision of Health Services in the Area.

1 (i) Public Heath Officers of the Authority—

Mecical Officer of Health—Dr. W. K. Parbury, M.R.C.S., Eng., L.R.C.P., Ldn., D.P.H., Camb., D.M.R.E., Camb.

Sanitary Inspector and Surveyor—Mr. F. H. Williams, C.R.S.I., Ldn., M.S.I.A.

Mr. Williams has now retired, having reached the age of superannuation, and Mr. Thos. A. Hawtin, A.R.S.I., Certificate of the R.S.I., has been appointed in his place.

(ii) (*a*) Laboratory Facilities—

Dr. Wyatt, St. George's Hospital, undertook the examination of pathological specimens for the year under review, he has now resigned and Dr. Boycott has undertaken the work.

11 swabs were examined for Diphtheria.

(*b*) AMBULANCE FACILITIES—

Infectious Diseases.

There is a Motor Ambulance kept at the Steppingley Isolation Hospital.

Non-Infectious and Accident Cases.

A Public Assistance Ambulance is kept at the Bedford Fire Station and is available for your district. The Fire Station can be communicated with by telephone. The telephone number is 2222.

(*c*) NURSING IN THE HOME—

General.

The Local Nursing Association is affiliated to the Bedfordshire Nursing Association. A Nurse is supplied by them who attends to Maternity cases and Minor Medical and Surgical cases, but does not act as a Midwife. She does not attend any infectious cases. No provision has been made for the treatment of Infectious Diseases in the patient's own home, but your Council have arranged with the Ampthill R.D.C. to take cases of Scarlet Fever, Diphtheria, Typhoid Fever, and Small Pox at the Steppingley Isolation Hospital.

Nurse Cheeseman is the Nurse employed.

MIDWIVES—

There is one Midwife in the Area who has notified her intention of practising this year.

(*d*) CLINIC AND TREATMENT CENTRES—

These are provided by the County Council—

(*e*) HOSPITALS—

A.

Hospital.	Situation.	Purpose.	No. of Beds.	Medical Staff	Management
Isolation Hospital	Steppingley	Infectious Diseases	20	1	L.A. Bedf.
Small Pox	Bedford	Small Pox		1	Boro.
Sanatorium Bedford	Mogerhanger	Tuberculosis	84	—	C.C.
County Hospital	Bedford	General	105		Voluntary
		Medical	36		
		Surgical	36		
		Maternity	13		
		Children	20		
St. Peter's Hospital	Bedford	General Medical and Surgical, Maternity and Children's	104		
Public Assistance Institute	Ampthill	Chronic Sick and Maternity	54		
Children's Home	Kempston	Children	45		

B

Hospital.	Situation.	Beds. Male	Beds.	Beds. Female
General Medical	Beds. County Hospital	18		18
General Surgical	Beds. County Hospital	18		18
General Medical } General Surgical }	St. Peter's Hospital	44		38
Chronic Sick	Public Assistance Institute, Ampthill	26		25
Children	Kempston		45	
Children	Beds. County Hospital		20	
Children	St. Peter's Hospital		13	
Maternity	Beds. County Hospital			13
Maternity	St. Peter's Hospital			5
Maternity	Bedford and County Girls' Home			14
Maternity	Public Assistance Institute, Ampthill			3
Tuberculosis	Sanatorium, Mogerhanger		84	
Mental	St. Peter's Hospital	2		2

INSTITUTIONAL TREATMENT FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS, AND HOMELESS CHILDREN.

Institution.	Situation.	Authority.	Accommodation
Children's Home	Kempston	Public Assistance Committee	45 Homeless Children
Bedford and County Girls' Home	Ashburnham Road, Bedford	*	14 Maternity Cases

* Supported by the Ministry of Health, Town and County Council, and by Voluntary Contributions.

LEGISLATION IN FORCE—

Adoptive Acts.

Public Health Act, 1890, Parts i., ii., iii.
Public Health Act, 1925, Parts ii., iii., and iv. (except Section 20)
Slaughter of Animals Act, 1933, Section i.

Bye-Laws and Regulations.

Prevention of Nuisances,
Removal of Refuse and Noxious Matter.
Public Sanitary Conveniences.
Cleansing of Footways.
Offensive Trades.
New Streets and Buildings.
Common Lodging Houses.
Private Street Works Act, 1892.

Section C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

The town is supplied by a public main and all parts of the town have a pipe from which a good and wholesome supply of water can be obtained at a good pressure.

The water is derived from the Greensand and is of excellent quality. The pumping station is at Clophill, which is about 4 miles East of the town.

I am appending a report of 2 samples of water. The first was taken at the Council's Water Works at Clophill, the second was taken at Haynes, which is one of the parishes in the Ampthill Rural District that gets its supply en route.

REPORT upon a Sample of WATER taken from a tap on mains in the Council's Yard, Ampthill. The sample was received on the 16th February, 1937.

CHEMICAL ANALYSIS—	Grains per Gallon
Saline Ammonia	0.0002
Albuminoid Ammonia	0.0002
Oxygen absorbed in 4 hours at 80°F.	0.064
Nitrogen as Nitrates	0.018
Nitrites	nil
Chlorine	2.1
Total Solids	31.5
Hardness Total	17.5
Hardness Permanent	5.0

The sample was clear and free from smell.

A microscopic examination revealed the presence of some mineral and vegetable fragments.

BACTERIOLOGICAL EXAMINATION—

Number of organisms per c.c. growing on gelatine at room temperature in 4 days (20°C.)	114
Liquefying organisms	absent from 1 c.c.
Number of organisms per c.c. growing on agar at blood-heat in 48 hours (37°C.)	7
Bacillus Coli	absent from 100 c.c.

OPINION—

This is a moderately hard water of good organic purity and both the chemical and bacteriological results indicate that it is in a satisfactory condition at the present time and quite suitable for use for all dietetic purposes.

(Sgd.) J. KEAR COLWELL.

REPORT on the Bacteriological Examination of a sample of WATER received 1st June, 1938, from Ampthill Rural District Council, labelled " Private Standpipe off Council Mains, Haynes." Date, 31st May, 1938, 4 p.m.

Taken by D. Davies. Witness, J. Browning. Signed, D. Davies.

Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. in 1 day	0
Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. in 2 days	0
Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 20° C. in 3 days	0
Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C. (Presumptive Bacillus Coli Test)	absent in 100 c.c.
Smallest quantity of water containing the Bacillus Coli	absent in 100 c.c.
Smallest quantity of water giving the reaction of the B. Welchii (Bacillus Enteritidis Sporogenes)	absent in 100 c.c.

This sample is clear and bright and of the highest standard of bacterial purity in which respects it is pure and wholesome water, suitable for the purposes of public supply.

For DRS. BEALE and SUCKLING,
(Sgd.) E. SUCKLING,
The Counties Public Health Laboratories,
91, Queen Victoria Street,
London, E.C. 4.

AMPTHILL URBAN DISTRICT COUNCIL.

Report of the Sanitary Inspector and Surveyor for the year 1937.

GENTLEMEN,

The Annual Report I have the honour to present is for the year 1937, and is in effect the Report of my predecessor, Mr. F. H. Williams.

The following is a summary of the sanitary defects found and remedied during the year:

Dwelling houses with defective roofs and guttering	4
Dwelling houses with defective water closets	2
Dwelling houses overcrowded	0
Insanitary accumulations of offensive matter	1
Insanitary drains	17
Dirty Premises	1
Meat unfit for human consumption	1
Ashbins required	3
Other dilapidations	4
Number of informal notices issued	23
Number of Statutory Notices issued	0
Total number of inspections	320

Slaughterhouses, Etc.

The slaughterhouses and butchers' shops have been inspected at intervals and found satisfactory. Unsound meat was found and condemned in one case.

Factories and Workshops.

These have been periodically inspected, and the general condition was satisfactory.

Dairies and Cowsheds.

The premises of cowkeepers and milk retailers have been frequently visited. A good standard of cleanliness has been maintained, and the dairies and cowsheds comply with the Acts and Orders.

No retailers are licensed for the sale of Specially Designated Milk.

Shops Acts, 1934.

There are forty-five shops, fourteen of which employ assistants. Lighting and ventilation is sufficient in each case.

All shops in which assistants are employed have sanitary conveniences available.

Infectious Disease Prevention.

The number of rooms disinfected after cases of infectious disease is 25, and in addition both the Church of England and Wesleyan Schools were disinfected throughout during an outbreak of Diphtheria.

Sewerage.

The manholes have been regularly examined and the road gulleys systematically cleansed and flushed.

The sewer has been extended with 48 yards of nine inch glazed pipes in Grange Road,

Sewage Disposal Works.

The plant generally at the Sewage Farm has been maintained in efficient working order. Daily attention is given to the screens of the settling tanks, and the humus tanks and settling tanks are sludged periodically.

Repairs were carried out to the filter beds and the dosing chamber.

Water Supply.

A new three inch main has been laid in Grange Road, 48 yards in length.

Connections have been made to the Council's Trunk Main in Maulden and Clophill for supplies to the Ampthill Rural District Council for these parishes, and bulk meters installed at the Pumping Station and at the Urban District boundary.

The new method of continuous lime treatment in conjunction with an additional settling tank and pressure filter is a great improvement on the intermittent process previously in use, and assures consumers of a constant supply of wholesome water.

The Diesel Oil Engines and Vertical Pumps recently installed continue to give satisfactory service, proving more economical in use than the old suction gas plant and pumps which they replaced.

Two bore-holes which have been in use for over thirty years were shelled out, and new tubes fixed, giving a resultant increase in yield.

The replacement of the old vulcanite balls in the ball-type hydrants with the new conversion units has been continued. The conversion units have proved trouble free and efficient.

Scavenging.

The collection of house refuse has been continued as formerly, one part of the town being visited on Tuesday and the remainder on Friday, the Contractor supplying one man and horse, with one Council workman.

The refuse was tipped at Cox's Pond.

Smoke Abatement.

No action was found necessary.

Swimming Baths and Pools.

No swimming baths or pools are in use in the district.

Eradication of Bed Bugs.

No cases of infestation in Council or other houses were noted.

Meat. Carcases inspected and condemned.

Number inspected. No record kept.

All diseases except Tuberculosis—

Whole carcases condemned ..... Nil

Carcases of which some part or organ was condemned..... 1 Sheep

Tuberculosis ..... Nil

During the year Plans have been received for:
15 Houses, 2 Cinemas, 1 Corn Store, 5 Additions to Houses, Etc., 1 Café, 1 Garage and Filling Station, 1 New Street.

THOS. A. HAWTIN, M.S.I.A., A.R.S.I.,
Sanitary Inspector and Surveyor.

Annual Report of the Medical Officer of Health for the year 1937 for the Urban District of Ampthill

on the administration of the Factory and Workshops Act, 1901, in connection with

FACTORIES, WORKSHOPS, and WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises. (1)	Number of		
	Inspections (2)	Written Notices. (3)	Occupiers Prosecuted (4)
Factories (Including Factory Laundries)	2		
Workshops (Including Workshop Laundries)	16		
Workplaces (Other than outworkers' premises)			
Total	18		

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

Premises. (1)	Number of Defects			Number of offences in respect to which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
*Nuisances under the Public Health Acts:**				
Want of Cleanliness	1	1		
Want of Ventilation				
Overcrowding				
Want of Drainage of Floors				
Other Nuisances				
Sanitary accommodation — insufficient				
Sanitary accommodation — unsuitable or defective				
Sanitary accommodation — not separate for sexes				
Offences under the Factory and Workshops Acts:—				
Illegal occupation of underground bakehouse (s. 101)				
Other offences (Excluding offences relating to outwork and offences under ihe Sections mentioned in the Schedule to the Ministryof Health (Factories and Workshops Transfer of Powers) Order 1921)				
Total	1	1		

* Including those specified in sections 2, 3, 7, and 8 of the Factory and Workshops Act, 1901, as remediable under the Public Health Acts.

Section D.

Number of New Houses erected during the year.

1.	By the Local Authorities	0
2.	By other Local Authorities	0
3.	By other bodies or persons	16

HOUSING STATISTICS.

1. Inspection of Dwelling Houses during the Year.

(1)	(*a*) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	301
	(*b*) Number of Inspections made for the purpose	320
(2)	(*a*) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Consolidated Regulations, 1925	268
	(*b*) Number of Inspections made for the purpose	301
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	0
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	33

2. Remedy of defects during the year without Service of Formal Notices.

	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	33

3. Action under Statutory Powers during the Year.

A. Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	0
(2)	Number of dwelling houses which were rendered fit after service of formal notices :	
	(*a*) By owners	0
	(*b*) By Local Authority in default of owner	0

B. Proceedings under Public Health Acts :

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	0
(2)	Number of dwelling houses in which defects were remedied after service of formal notices :	
	(*a*) By owners	0
	(*b*) By Local Authority in default of owners	0

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1)	Number of dwelling houses in respect of which Demolition Orders were made	0
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	0

D. Proceedings under Section 12 of the Housing Act, 1936 :

(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

4. Housing Act, 1936—Overcrowding.

(*a*)	(1) Number of houses overcrowded at the end of the year.....	0
	(2) Number of families dwelling therein.....	0
	(3) Number of persons dwelling therein.....	0
(*b*)	Number of new cases of overcrowding reported during the year	0
(*c*)	(1) Number of cases of overcrowding relieved during the year	0
	(2) Number of persons concerned in such cases	0
(*d*)	Particulars of any cases in which dwelling houses have again become overcrowding after the Local Authority have taken steps for the abatement of overcrowding	0
(*e*)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer may consider it desirable to report.....	0

SCHOOLS.

There are two schools in your district which attend to the education of all the children in the town.

1 The Bedford Road School.

Church of England.

Average number on roll, 111.

Average number of attendances, 99.3.

The sanitary conveniences are: for boys 2, for girls 2, for infants 2. They are on the water carriage system and connected with the public sewer.

The schoolrooms are heated by open fires. Central heating will be installed this summer.

The classrooms are well lighted by electricity and ventilated and their general appearance is satisfactory.

I am glad to report that the playgrounds for the boys and girls have been treated with tarmac.

The walls of the classrooms are to be freshly decorated throughout during the present year.

2 Woburn Road School.

This is a Methodist Day School.

Average number of scholars on the roll was 143.

Average number of attendances 132.

Sanitary conveniences: for boys 3, for girls and infants 5. They are on the water carriage system and connected to the public sewer.

A lavatory basin with tap is provided.

The classrooms are well lighted and ventilated.

The classrooms are heated by open fires and lighted by gas which appears to give a sufficient light in the winter months. They are kept in a clean and satisfactory condition. There is a small playing ground at the back of the school, but during the playtime, the children use the Alameda.

During the year a gully has been placed in the boys' yard to take storm water, the walls of all the classrooms have been repainted, and a large window has been put in the infants' room which makes the room much lighter. This school was closed for eight days in October on account of an epidemic of Diphtheria.

Section F.

Prevalence of, and Control over, Infectious and other Diseases.

The Steppingley Isolation Hospital receives cases of Scarlet Fever, Diphtheria, and Typhoid Fever from your District.

January 1st, 1937—

No cases of Diphtheria or Scarlet Fever were present from your District.

Admissions during the year—

Scarlet Fever	4
Diphtheria	18
Cerebro-Spinal Fever	1

Discharges—

Scarlet Fever	4
Diphtheria	16

Deaths—

Diphtheria	1
Cerebro-Spinal Fever	1

Number of patients remaining in Hospital on December 31st, 1937—

Scarlet Fever	0
Diphtheria	1

Scarlet Fever.

Four cases were notified, which were treated at the Isolation Hospital. One death occurred.

Diphtheria.

Eighteen cases were notified, all were removed to Isolation Hospital and were treated there.

Most of the contacts were injected with Antitoxin for prophylactic purposes. One death was registered.

Artificial Immunisation against Diphtheria.

Owing to the number of cases of Diphtheria which occurred in your District in 1937, persons became aware of the benefits conferred on them by Artificial Immunisation and readily agreed to their children being inoculated. Your Council sanctioned the payment of the material used and also a fee of 2/6 to the doctor injecting the Toxoid. 108 children were immunised.

Pneumonia.

Two cases were reported. No deaths occurred.

Ophthalmia Neonatorum.

No cases were notified.

I append below a list of infectious diseases that have been notified for the year under review.

NOTIFIABLE DISEASES.

(Other than Tuberculosis).

	Scarlet Fever	Diphtheria	Pneumonia	Cerebro-Spinal Meningitis
Total cases notified	4	18	2	1
Removed to Hospital ...	4	18	...	1
Total Deaths	1	1	...	1
Cases under 1 year ...	...	...	...	...
Deaths under 1 year ...	...	...	...	...
Cases 1 to 2 years ...	...	...	...	...
Deaths 1 to 2 years ...	...	...	...	...
Cases 2 to 3 years ...	...	...	...	...
Deaths 2 to 3 years ...	...	...	...	...
Cases 3 to 4 years ...	...	...	...	...
Deaths 3 to 4 years ...	...	...	...	...
Cases 4 to 5 years ...	1	1	...	...
Deaths 4 to 5 years ...	...	...	...	...
Cases 5 to 10 years ...	2	7	...	1
Deaths 5 to 10 years ..	...	...	...	1
Cases 10 to 15 years ...	1	5	...	...
Deaths 10 to 15 years ...	1	1	...	...
Cases 15 to 20 years ...	...	1	...	...
Deaths 15 to 20 years ...	...	...	...	...
Cases 20 to 35 years ...	...	1	...	...
Deaths 20 to 35 years ...	...	..	...	...
Cases 35 to 45 years ...	...	3	2	...
Deaths 35 to 45 years ...	...	...	...	...
Cases 45 to 65 years ...	...	...	...	...
Deaths 45 to 65 years ...	...	...	...	...
Cases 65 years and over	...	...	...	...
Deaths 65 years and over	...	...	...	...

Cancer.

Three deaths were registered. One male, age 74; two females, ages 88, 75. All were alimentary canal cases.

Preventive Blindness.

No action was required under Section 65 of the Public Health Act, 1925.

TUBERCULOSIS.

Public Health (Prevention of Tuberculosis) Regulations, 1925, and Public Health Act, 1925, Section 62.

No action was required to be taken under these Acts.

Age Period	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	...	...	...	...	...	...	...	...
1 year to 5 years	...	...	...	...	...	...	...	...
5 years to 10 years	...	...	...	...	...	...	...	...
10 years to 15 years	...	...	...	...	...	...	...	...
15 years to 20 years	...	...	...	...	...	...	...	...
20 years to 25 years	...	...	...	...	...	...	...	...
25 years to 35 years	...	...	...	...	...	...	...	...
35 years to 45 years	...	...	...	...	...	...	...	...
45 years to 55 years	...	...	...	...	...	...	...	...
55 years to 65 years	...	...	...	...	...	...	...	...
65 years and over ...	...	...	...	...	...	...	...	...

In conclusion, I wish to thank your Clerk, Mr. Orme, and your Sanitary Inspector, Mr. Williams, for their valuable assistance in the past year.

I am, Gentlemen,

Your Obedient Servant,

WALTER K. PARBURY,

M.R.C.S. Eng., L.R.C.P. Ldn.,

D.P.H. Camb., D.M.R.E. Camb.

June, 1938.

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